### Freeform Search

**US Pre-Grant Publication Full-Text Database US Patents Full-Text Database US OCR Full-Text Database Database:** EPO Abstracts Database JPO Abstracts Database **Derwent World Patents Index IBM Technical Disclosure Bulletins** L64 and (filter\$3 or mirror) Term:

Documents in <u>Display Format</u>: |- | Starting with Number | 1 Display:

Generate: C Hit List Count C Side by Side C Image

Interrupt Search Clear

#### **Search History**

DATE: Thursday, June 28, 2007 Printable Copy Purge Queries Create Case

Set Name side by side	Query	<u>Hit</u> Count	Set Nam resul set
$DB^{\circ}$	=PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=ADJ		
<u>L65</u>	L64 and (filter\$3 or mirror)	98	<u>L65</u>
<u>L64</u>	L63 and (weld\$3)	146	<u>L64</u>
<u>L63</u>	L41 and (laser near diode)	360	<u>L63</u>
<u>L62</u>	L58 and (weld\$3)	9	<u>L62</u>
L61	L58 and (block\$3)	116	<u>L61</u>
<u>L60</u>	L58 and (block%4)	0	<u>L60</u>
<u>L59</u>	L58 and (laser filter or IR near block\$3 or light near block\$3)	6	<u>L59</u>
<u>L58</u>	L56 and (diode near laser)	233	<u>L58</u>
L57	L56 and (semiconductor near laser)	102	<u>L57</u>
<u>L56</u>	374/\$.ccls.	29669	<u>L56</u>
$DB^{\circ}$	=USPT; $PLUR=YES$ ; $OP=ADJ$		
L5 <u>5</u>	L53 and (oscillat\$3 near semiconductor near laser)	0	<u>L55</u>
L54	L53 and (puls\$3 near semiconductor near laser)	3	<u>L54</u>
<u>L53</u>	374/\$.ccls.	14334	<u>L53</u>
<u>L52</u>	L46 and (metal)	1	<u>L52</u>

DB=PGPB; $PLUR=YES$ ; $OP=ADJ$		
L51 20050169346	1	<u>L51</u>
L50 10767798		<u>L50</u>
DB=USPT; $PLUR=YES$ ; $OP=ADJ$	U	<u> 1130</u>
<u>L49</u> L46 and (plastic)	1	L49
L48 L46 and (semiconductor)		<u>L49</u>
<u>L47</u> 6299346.pn.		<u>L47</u>
L46 6585146.pn.		<u>L47</u> <u>L46</u>
DB=PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=ADJ	1	<u>L/40</u>
L45 L41 and (semiconductor near laser) and (bond\$3 near resin)	1	<u>L45</u>
L44 L41 and (semiconductor near laser) and (bond\$3 near resin)		<u>L43</u> <u>L44</u>
L43 L41 and (semiconductor near laser) and (weld\$3 near plastic or polymers)		<u>L44</u>
L42 L41 and (semiconductor near laser) and (weld\$3 near resin)		
DB=PGPB, $USPT$ , $USOC$ , $EPAB$ , $JPAB$ ; $PLUR=YES$ ; $OP=ADJ$	4	<u>L42</u>
L41 (374/141,5,124,137,126,121,57,4;219/130.01,121.04,121.83,121.64,121.83,121.85)! [CCLS]	9371	<u>L41</u>
DB=PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=ADJ		
L40 (semiconductor near laser) and (weld\$3 near resin)	49	<u>L40</u>
L39 (semiconductor near laser) same (weld\$3 near resin)		L39
L38 semiconductor near laser same weld\$3 near resin		L38
L37 L36 and (semiconductor laser)		L37
L36 laser same weld\$3 near resin	198	<u>L36</u>
L35 L33 and (laser)	9	<u>L35</u>
L34 L33 and (semiconductor laser)	0	L34
L33 L12 and (\$5plastic resin)	72	L33
DB=USPT; $PLUR=YES$ ; $OP=ADJ$		
L32 L25 and (polymer or polyimide or rubber or resin)	0	<u>L32</u>
L31 L25 and (semiconductor)	1	<u>L31</u>
<u>L30</u> 7059767.pn.	1	<u>L30</u>
<u>L29</u> 7059767.pn. and (double)	0	<u>L29</u>
L28 L27 and (double)	0	<u>L28</u>
<u>L27</u> 6890096.pn.	1	<u>L27</u>
L26 L25 and (resin or plastic or polymer)	1	<u>L26</u>
<u>L25</u> 5382770.pn.	1	<u>L25</u>
L24 L23 and (filter or block\$3)	1	<u>L24</u>
<u>L23</u> 4484059.pn.	1	<u>L23</u>
<u>L22</u> L21 and (laser)	0	<u>L22</u>
<u>L21</u> 2505647.pn.	1	<u>L21</u>
DB=PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=ADJ		
<u>L20</u> L19 and (temperature or IR or infrared or wavelength\$1)	85	<u>L20</u>
L19 (weld\$3 near resin) same (laser)	198	<u>L19</u>
DB=USPT; $PLUR=YES$ ; $OP=ADJ$		

L18 laser near weld\$3 near resin	4	<u>L18</u>
DB = PGPB, $USPT$ , $USOC$ , $EPAB$ , $JPAB$ , $DWPI$ , $TDBD$ ; $PLUR = YES$ ; $OP = ADJ$		
L17 laser near weld\$3 near resin	103	<u>L17</u>
L16 L15 and (infrared or IR or temperature)	72	<u>L16</u>
L15 (weld\$3 near resin) same (laser)	198	<u>L15</u>
L14 (weld\$3 near resin) same (weld\$3 temperature)	11	<u>L14</u>
<u>L13</u> L12 and (weld\$3 near temperature) same (laser or infrared or IR or scan\$4)	6	<u>L13</u>
L12 (weld\$3 near resin)	2284	<u>L12</u>
L11 (weld\$3 near resin) same (temperature) same (infrared or IR or scan\$4) same (laser)	0	<u>L11</u>
L10 L5 and (weld\$3 near resin)	6	<u>L10</u>
DB=USPT; $PLUR=YES$ ; $OP=ADJ$		
<u>L9</u> L8 and (28)	1	<u>L9</u>
<u>L8</u> 5382770.pn.	1	<u>L8</u>
DB = PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR = YES; OP = ADJ		
L7 L5 and (infrared near filter\$1 or IR near filter)	3	<u>L7</u>
L6 L5 and (wavelength\$1)	118	<u>L6</u>
<u>L5</u> (weld\$3 near temperature) same (laser or infrared or IR or scan\$4)	668	<u>L5</u>
L4 L3 and (weld\$3 near temperature)	41	<u>L4</u>
L3 374/\$.ccls.	29669	<u>L3</u>
DB=USPT; $PLUR=YES$ ; $OP=ADJ$		
<u>L2</u> 5355123.pn.	1	<u>L2</u>
<u>L1</u> 3882728.pn.	1	<u>L1</u>

END OF SEARCH HISTORY

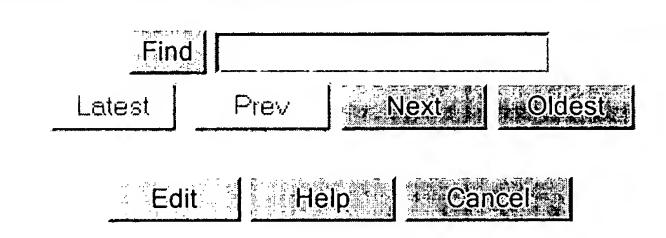
DATE: Monday, July 09, 2007 <u>Purge Queries</u> <u>Printable Copy</u> <u>Create Case</u>

# Set Name Query<br/>side by sideHit Count Set Name<br/>result setDB=USPT; PLUR=YES; OP=ADJL2 (resin near weld\$3) same (laser)21 L2L1 resin near weld\$3481 L1

END OF SEARCH HISTORY

## Searches for User gverbitsky (Count = 49596)

Queries 49547 through 49596.



S#	Upd	t Database	Q
S49 <u>596</u>	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	((374/141,5,124,137,126,121,57,4;219/1 [CCLS] and (laser near diode) and (weld
S4 <u>9595</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	((374/141,5,124,137,126,121,57,4;219/1 [CCLS] and (laser near diode)) and (well
S49594	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	((374/141,5,124,137,126,121,57,4;219/1 [CCLS]) and (laser near diode)
<u>S49593</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(374/\$.ccls. and (diode near laser)) and (
<u>S49592</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(374/\$.ccls. and (diode near laser)) and (
<u>S49591</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(374/\$.ccls. and (diode near laser)) and (
<u>S49590</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(374/\$.ccls. and (diode near laser)) and (block\$3)
<u>S49589</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(374/\$.ccls.) and (diode near laser)
<u>S49588</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(374/\$.ccls.) and (semiconductor near la
<u>\$49587</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	374/\$.ccls.
<u>S49586</u>	<u>U</u>	USPT	(374/\$.ccls.) and (oscillat\$3 near semico
<u>S49585</u>	<u>U</u>	USPT	(374/\$.ccls.) and (puls\$3 near semicond

<u>S49584</u>	<u>U</u>	USPT	374/\$.ccls.
<u>S49583</u>	Ų	USPT	(6585146.pn.) and (metal)
S49582	U	PGPB	20050169346
<u>S49581</u>	<u>U</u>	PGPB	10767798
<u>S49580</u>	<u>U</u>	USPT	(6585146.pn.) and (plastic)
<u>S49579</u>	<u>U</u>	USPT	(6585146.pn.) and (semiconductor)
<u>S49578</u>	<u>U</u>	USPT	6299346.pn.
S49577	<u>U</u>	USPT	6585146.pn.
<u>S49576</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	((374/141,5,124,137,126,121,57,4;219/1 [CCLS]) and (semiconductor near laser)
S49575	Ų	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	O((374/141,5,124,137,126,121,57,4;219/1 [CCLS]) and (semiconductor near laser)
<u>S49574</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	((374/141,5,124,137,126,121,57,4;219/1 [CCLS]) and (semiconductor near laser)
<u>S49573</u>	Ù	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	((374/141,5,124,137,126,121,57,4;219/1 [CCLS]) and (semiconductor near laser)
<u>S49572</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB	(374/141,5,124,137,126,121,57,4;219/13 [CCLS]
<u>S49571</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(semiconductor near laser) and (weld\$3 1
<u>\$49570</u>	Ų	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBE	) (semiconductor near laser) same (weld\$3
S49569	Ų	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	Semiconductor near laser same weld\$3 n

S49568	Ų	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	O(laser same weld\$3 near resin) and (sem		
S495 <u>6</u> 7	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD laser same weld\$3 near resin			
<u>S49566</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	O((weld\$3 near resin) and (\$5plastic resin)		
<u>S49565</u>	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	O((weld\$3 near resin) and (\$5plastic resin)		
<u>S49564</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD ((weld\$3 near resin)) and (\$5plastic resi		
S49563	U	USPT	(5382770.pn.) and (polymer or polyimic		
<u>S49562</u>	<u>U</u>	USPT	(5382770.pn.) and (semiconductor)		
<u>S49561</u>	<u>U</u>	USPT	7059767.pn.		
<u>S49560</u>	<u>U</u>	USPT	7059767.pn. and (double)		
<u>S49559</u>	<u>U</u>	USPT	(6890096.pn.) and (double)		
<u>S49558</u>	<u>U</u>	USPT	6890096.pn.		
<u>S49557</u>	<u>U</u>	USPT	(5382770.pn.) and (resin or plastic or pc		
<u>\$49</u> 556	Ų	USPT	5382770.pn.		
<u>S49555</u>	<u>U</u>	USPT	(4484059.pn.) and (filter or block\$3)		
<u>S49554</u>	<u>U</u>	USPT	4484059.pn.		
<u>S49553</u>	<u>U</u>	USPT	(2505647.pn.) and (laser)		

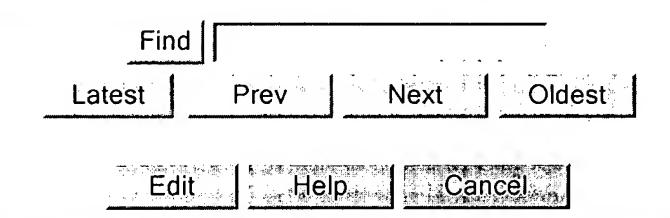
Show Saved Searches Page 4 of 4

S49552	U	USPT	2505647.pn.
S <u>495</u> 51	Ü	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	O((weld\$3 near resin) same (laser)) and (twavelength\$1)
<u>S49550</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	O (weld\$3 near resin) same (laser)
<u>S49549</u>	<u>U</u>	USPT	laser near weld\$3 near resin
S49 <u>548</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBE	D laser near weld\$3 near resin
<u>S49547</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	O((weld\$3 near resin) same (laser)) and (i

Find			·(
Latest	Prev	Next	Oldest
	1	1	. 1
Edit	Hel	p Ca	ncel

## Searches for User gverbitsky (Count = 49596)

Queries 49497 through 49546.



S# U	Updi	Database	Query	Time Comment
S49546	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(weld\$3 near	2007-
		1	resin) same	06-28
			(laser)	08:56:29
S49545	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(weld\$3 near	2007-
	•		resin) same	06-28
ī			(weld\$3	08:52:56
			temperature)	
<u>S49544</u>	Ų	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	((weld\$3 near	2007-
			resin)) and	06-28
			·	08:52:13
			temperature)	
			same (laser or	
			infrared or IR or	
			scan\$4)	
S49 <u>543</u>	Ų	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	•	2007-
			resin)	06-28
				08:51:32
<u>S49542</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	•	2007-
		•	resin) same	06-28
			(temperature)	08:51:12
			same (infrared or	
			IR or scan\$4)	
C40541	TT		same (laser)	2007
<u>S49541</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD		2007- 06-28
5			temperature) same (laser or	08:49:11
			infrared or IR or	00.49.11
			scan\$4)) and	
			(weld\$3 near	
			resin)	
S49540	U		(5382770.pn.)	2007-
	•		and (28)	06-28
				08:46:07
S49539	U	USPT	5382770.pn.	2007-
			1	06-28
i				

S49532	S49533	S49534	S49535	<u>S49536</u>	S49537	S49538
_	$\subseteq$		$\subset$			
JUSPT	USPT	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD (weld\$3 near temperature) same (laser o infrared or IF	filter\$1 or IR near filter)  PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD ((weld\$3 near temperature) same (laser or infrared or IR scan\$4) ) and	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD ((weld\$3 near temperature) same (laser or infrared or IR scan\$4) ) and (infrared near
3882728.pn.	5355123.pn.	74/\$.ccls.		(wavelength\$1) (weld\$3 near temperature) same (laser or infrared or IR or	filter\$1 or IR near filter) ((weld\$3 near temperature) same (laser or infrared or IR or scan\$4) ) and	((weld\$3 near temperature) same (laser or infrared or IR or scan\$4) ) and (infrared near
2007- 06-28 07:23:57	2007- 06-28 07:25:56	2007- 06-28 07:40:35	and 2007- > 06-28 07:40:56	2007- 06-28 07:53:07	2007- 06-28 07:54:06	08:45:58 2007- 06-28 08:40:55